

Application No.: 10/043,208
06/26/2003

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4. (Amended) A device for fusing a toner image to a sheet comprising:
a heated fusing roll;
a pressure roll in circumferential contact with said heated fusing roll to form
a nip therebetween;
a manifold, adjacent said the nip formed by said heated fusing roll and said
pressure roll, said manifold connected to an air supply source, wherein said manifold
defines an outlet for providing a directed stream of air from said manifold;
an air source control to vary an air pressure supplied to the manifold in
response to a predetermined condition, wherein said predetermined condition is
determined based upon the weight of a sheet.
- A2
control*

Application No.: 10/043,206
06/26/2003

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5. (Amended) An electrophotographic printing machine having a fusing apparatus, comprising:

a print engine for forming and depositing a toner image on a substrate;
a heated fusing roll;

a pressure roll in circumferential contact with said heated fusing roll to form a nip therebetween;

a manifold, adjacent said the nip formed by said heated fusing roll and said pressure roll, said manifold connected to an air supply source, wherein said manifold defines an outlet for providing a directed stream of air from said manifold;

an air source control to vary an air pressure supplied to the manifold in response to a predetermined condition, wherein said predetermined condition is determined based upon the weight of a sheet.